

## Large Capacity 48v 100ah Lifepo4 Solar Battery for Photovoltaic Energy Storage System

Our Product Introduction

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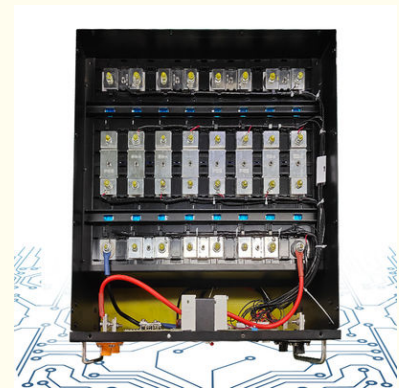
### Basic Information

- Place of Origin: Shenzhen
- Brand Name: ENIKOL
- Certification: CE, FCC, UKCA, U38.3, MSDS
- Model Number: ESK-4810CR
- Minimum Order Quantity: 1 unit
- Price: Negotiation
- Packaging Details: Wooden case
- Delivery Time: 7-15 days
- Payment Terms: T/T, L/C, D/A, D/P, Western Union, MoneyGram
- Supply Ability: 4000 pieces per week



### Product Specification

- Battery Type: Lithium Iron Phosphate (LiFePO4)
- Display: LCD
- Rate Voltage: 51.2V
- Charging Voltage: 58.4V
- Max Continuous Discharge Current: 100A(5KW)
- Cycle Life: ≥6000 Times
- Communication Function: RS485/CAN
- Shell Material: Black Painted Steel Shell(optional)
- Highlight: 48v 100ah Lifepo4 Solar Battery, Large Capacity Lifepo4 Solar Battery, Photovoltaic Energy Storage Lifepo4 Battery



### More Images



## Product Description

### 100ah Lifepo4 Battery Product Description:

Product Model	ESK-4810CR
Type of Battery	Lithium Iron Phosphate
Cell layout	16S1P
Max parallel	64 sets
Rated capacity	100AH(5120WH)
Rated voltage	51.2v
Weight	43kg
Dimension (L * W * H)	460*442*117mm
Display	LCD
Warranty	5 years
Communication function	CAN/RS485 or dry contact
Cycle life	≥6000 times
Charging temperature	0 to +55
Operating temperature	-20 to +65
Matched solar inverter brands	PYLONTECH/GOODWE/Growatt/SMA/Victron/TBB/Must/Srne/MEGAREVO/Deye/INVT/Voltr /SOFAR/SOROTEC,etc.

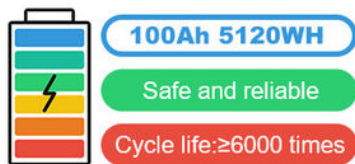
With a charging voltage of 58.4V, the 48V Solar Battery is capable of providing a continuous discharge current of up to 100A (5KW), making it a powerful and reliable source of energy for all your needs. Whether you're powering a small home or a large commercial facility, this battery is sure to deliver the power you need to keep your system running smoothly and efficiently.

One of the key features of the 48V Solar Battery is its built-in communication function, which allows it to connect directly to your solar energy system via RS485/CAN. This means that you can monitor your battery's performance and status in real-time, giving you complete control over your energy usage and ensuring that you always have the power you need when you need it.

Another advantage of the 48V Solar Battery is its durability and reliability. The LiFePO4 battery chemistry is known for its long cycle life, making it an ideal choice for applications where reliability and longevity are critical. With proper maintenance, this battery can provide many years of trouble-free service, making it a smart investment for anyone looking to power their solar energy system.

In conclusion, the 48V Solar Battery is an outstanding choice for anyone seeking a powerful, reliable, and efficient power source for their solar energy system. With its built-in BMS, communication function, and durable LiFePO4 battery chemistry, this battery is sure to deliver excellent performance and reliable service for many years to come.

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#### 48v 100ah Lithium Battery Features:

Product Name: 48V Solar Battery  
BMS: Built In BMS  
Shell Material: Black Painted Steel Shell(optional)  
Max continuous discharge current: 100A(5KW)  
Charging Voltage: 58.4V  
Rated Capacity: 100AH (5120WH)

#### 48v Lithium Ion Battery Technical Parameters:

Rate Voltage	51.2V
Max Charging Current	100A
Rated Capacity	100AH (5120WH)
BMS	Built In BMS
Max parallel	64 Sets
Communication function	RS485/CAN
Shell Material	Black Painted Steel Shell(optional)
Display	LCD
Max continuous discharge current	100A(5KW)
Battery Type	Lithium Iron Phosphate (LiFePO4)

#### Lifepo4 Battery 100ah Applications:

ENIKOL ESK-4810CR is a 48V Solar Battery produced in Shenzhen, which is widely used in various fields due to its excellent performance and quality.  
With its long cycle life of ≥6000 times and high-quality certification, including CE, FCC, UKCA, U38.3, and MSDS, this 48V Solar Battery is a reliable and safe option for renewable energy storage.

The ENIKOL ESK-4810CR is highly adaptable and suitable for a variety of applications, including:

**Residential solar systems:** This 48V Solar Battery can store excess solar energy and provide power during outages, reducing reliance on the grid and saving money on electricity bills.

**Commercial solar systems:** With its high capacity and max charging current of 100A, this 48V Solar Battery is ideal for commercial solar systems, providing reliable energy storage for businesses and industries.

**Off-grid power systems:** The ENIKOL ESK-4810CR can be used in remote areas without access to the grid, providing reliable power for homes, cabins, and other off-grid applications.

**Emergency backup power:** This 48V Solar Battery can be used as an emergency backup power source for critical systems, such as medical equipment, communication devices, and security systems.

In addition to its versatility, the ENIKOL ESK-4810CR also comes with various features that make it easy to use and monitor, including:

**Communication function:** RS485/CAN, allowing for remote monitoring and control

**Display:** LCD, providing real-time information on battery status and performance

**Shell Material:** Black Painted Steel Shell(optional), providing a durable and protective casing for the battery

The ENIKOL ESK-4810CR is available for purchase with a minimum order quantity of 1 unit, and its price is negotiable depending on the order quantity and other factors. The battery is packaged in a wooden case for safe transportation and delivery time is typically 7-15 days. ENIKOL has a supply ability of 4000 pieces per week, and offers various payment terms including T/T, L/C, D/A, D/P, Western Union, and MoneyGram.

## ENIKOL



### 51.2v Lifepo4 Lithium Battery Support and Services:

The 48V Solar Battery product comes with technical support and services to ensure optimal performance and customer satisfaction. Our team of experts is available to provide assistance with installation, configuration, and troubleshooting. Additionally, we offer regular maintenance services to extend the lifespan of the battery and ensure it operates at peak efficiency. Our technical support and services are designed to minimize downtime and maximize the benefits of your solar energy system. Contact us for more information on our comprehensive support offerings.

### Lifepo4 Battery 48v 100ah Packing and Shipping:

**Product Packaging:**

This 48V Solar Battery comes in a sturdy cardboard box to ensure safe delivery. The box is labeled with all the necessary information, including the product name, quantity, and handling instructions. Inside the box, the battery is securely packed with foam inserts to prevent any damage during transit.

**Shipping:**

We offer worldwide shipping for our 48V Solar Battery product. Shipping rates and delivery times may vary depending on the destination country. Customers will receive a tracking number and updates on their order status via email.

### 5kw Lithium Battery FAQ:

**Q1: What is the brand name of the 48V Solar Battery?**

A1: The brand name of the 48V Solar Battery is ENIKOL.

**Q2: What is the model number of the 48V Solar Battery?**

A2: The model number of the 48V Solar Battery is ESK-4810CR.

**Q3: Where is the 48V Solar Battery manufactured?**

A3: The 48V Solar Battery is manufactured in Shenzhen.

**Q4: What certifications does the 48V Solar Battery have?**

A4: The 48V Solar Battery is certified by CE, FCC, UKCA, U38.3, and MSDS.

**Q5: What are the payment and delivery terms of the 48V Solar Battery?**

A5: The payment terms for the 48V Solar Battery include T/T, L/C, D/A, D/P, Western Union, and MoneyGram. The delivery time is 7-15 days, and the minimum order quantity is 1 unit. The packaging details include a wooden case, and the supply ability is 4000 pieces per week. The price is negotiable.

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